Mitigation Action Guides: 2021-26 Weld County

Carbon Valley - Frederick (4 Projects)

1-Frederick: Box Culvert at Bella Rosa Parkway	
PRIORITY: High	HAZARDS ADDRESSED: Flooding
LOCATION: Bella Rosa Parkway/No Name Creek	GOALS ADDRESSED: 1, 2, 3, 4
RECOMMENDATION DATE: 09/19/2015	OBJECTIVES ADDRESSED: E
TARGET COMPLETION DATE: 09/20/2023	LIFELINES and SUBCOMPONENTS ADDRESSED: Safety and Security: Community Safety; Law, Fire, and Government Services. Transportation: Highway/Roadway
ISSUE: Flood control and drainage improvements have been done subsequent to the 2013 flood. More improvements are needed in order to withstand a 100-year flood.	
RECOMMENDATION: Completion of the box culverts as designed but not yet funded.	
ACTION: Engineering and construction of box culverts	
LEAD AGENCY: Town of Frederick	EXPECTED COST: $3 million
SUPPORT AGENCIES: Weld County OEM, Carbon Valley EMA	POTENTIAL FUNDING SOURCES: Town capital budget, CDBG, DOLA, EIAF
PROGRESS MILESTONES: This project has been partially completed - Damage was repaired but the lack of adequate box culverts to handle the 100-year flood will result in future damage. The Town of Frederick Stormwater Master Plan will identify this project as a priority.	

2-Frederick: Potable Water System Emergency Supply	
PRIORITY: Medium	HAZARDS ADDRESSED: Drought, Extreme Temperatures, Water Supply Suspension
LOCATION: SE4NE4 Section 32, Township 2, Range 67	GOALS ADDRESSED: 1, 2
RECOMMENDATION DATE: 2005, 2010	OBJECTIVES ADDRESSED: E

TARGET COMPLETION DATE: 2025	LIFELINES and SUBCOMPONENTS ADDRESSED: Potable Water, Fire Suppression Supply, Pressure Regulation

ISSUE: Loss of service by Central Weld County Water District

RECOMMENDATION: The CWCWD contract states that CWCWD will provide some emergency water but the Town must have storage to meet emergency supply needs. There is an existing interconnect with LHWD to CWCWD within Town limits which can provide an alternative supply if there is an issue with CWCWD service. To provide additional supplies to meet immediate needs in the event of an emergency the Town should build an additional storage tank. The Town currently receives water through a 2.58MG tank and direct connections to the CWCWD transmission mains. The construction of an additional 1.5 MG tank on the existing tank site would provide additional emergency storage capacity to serve the Town as the area that can be served through the tank site has grown.

ACTION: Installation of additional storage tank to serve Frederick	
LEAD AGENCY: Frederick	EXPECTED COST: $4.5M
SUPPORT AGENCIES: CWCWD, LHWD	POTENTIAL FUNDING SOURCES: State Revolving Fund – Drinking Water
PROGRESS MILESTONES: Location identified	

3-Frederick: Town Facilities - Expansion & Modification	
PRIORITY: Medium	HAZARDS ADDRESSED: All
LOCATION: Town of Frederick	GOALS ADDRESSED: 1, 2
RECOMMENDATION DATE: 12/8/2020	OBJECTIVES ADDRESSED: E
TARGET COMPLETION DATE: 12/31/2025	LIFELINES and SUBCOMPONENTS ADDRESSED: Safety & Security, Communications Components: Government Services, Law Enforcement and Security, Infrastructure, and Finance. (Continue to provide)

ISSUE: Limited space for employees to provide high levels of service to the community. Aging buildings are becoming costly for routine maintenance. Many key infrastructure items such as HVAC is past its life cycle. Workflow and ability to social distance during the 2020 COVID-19 pandemic is challenging with current building structures.

RECOMMENDATION: Identify and construct a new Town Hall to meet the growing needs of the community for the next 30 years.

ACTION: Obtain location and funding for larger Town Hall.	
LEAD AGENCY: Town of Frederick	EXPECTED COST: T.B.D.

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EMERGENCY MANAGEMENT

SUPPORT AGENCIES: Weld County OEM	POTENTIAL FUNDING SOURCES: Capital Facility Fee, Sales Tax Increase, Mill Levy Increase.
PROGRESS MILESTONES:	

4-Frederick: Community Connect Program	
PRIORITY: Medium	HAZARDS ADDRESSED: All
LOCATION: Town of Frederick	GOALS ADDRESSED: 1, 2, 3, 4
RECOMMENDATION DATE: 11/1/2021	OBJECTIVES ADDRESSED: A, C, E
TARGET COMPLETION DATE: 12/31/2022	LIFELINES and SUBCOMPONENTS ADDRESSED: Safety and Security: Fire, LE, SAR, Gov. Services and Community Safety. Communications: alerts, warnings, and messages. Health and Medical: Medical Care.

ISSUE: First responders have limited information about specific critical issues at a residence or location. They typically discover these issues when they arrive on scene of an incident. It would be helpful to know ahead of time when critical issues are present, and to get to know our community residents better.

RECOMMENDATION: Working with the Frederick-Firestone Fire Protection District, support the implementation of a program that allows residents to provide critical information on a voluntary basis to help first responders have critical knowledge about community members and locations prior to responding to the location. Critical issues could include property access, systems available (sprinklers), location details, people with disabilities who may need assistance or adaptive technology.

ACTION: Support community education about potential hazards and public safety preparedness and the use of the Community Connect Program, when purchased and implemented by the Frederick-Firestone Fire Protection District.

LEAD AGENCY: Frederick-Firestone Fire Protection District	EXPECTED COST: Unknown; will update as cost information is provided by vendor.
SUPPORT AGENCIES: Town of Frederick, Town of Firestone, and the Carbon Valley Emergency Management Agency	POTENTIAL FUNDING SOURCES: FFFPD Budget, potential grant sources to be researched.

PROGRESS MILESTONES:

The Towns of Firestone and Frederick will help to develop implementation plan, communicate, and educate the community about hazards and emergencies, and how the technology can support public safety and resilience, and actively invite the community to utilize the Community Connect tool. The Frederick-Firestone Fire Protection District will Identify cost, seek budget approval and funding, acquire software, help develop public messaging about the use of the software, educate FFFPD responders on the use of the information provided by the community, monitor and update the use of tool annually.